7th Grade Science

Friday- September, 2nd 2011

Unit: Cells

Objective / TEK: LSM-PE.2.1.2 Gather data, based on observations of cell functions made using a microscope or on cell descriptions obtained from print material, that can be used as evidence to support the claim that there are a variety of cell types.

LSM-PE.2.1.3 Compare and contrast, using evidence of different cells and essential life functions, the various processes different cells (e.g., plant, fungi, protist, animal) use to accomplish the same life function (e.g., growing, obtaining energy).

LSM-PE2.1.4 Construct a scaled model, based on measurements, and estimates made using a microscope (when possible), that represents the relative sizes of a molecule, a bacterial cell, an animal cell and a virus.

LSM-PE2.2.1 Describe, based on observations of cells made using a microscope and on information gathered from print and electronic resources, the internal structures (and the functions of theses structures) of different cell types (e.g., amoeba, fungi, plant root, plant leaf, animal muscle, animal skin).

Lesson: Students will…..

Use their Ipad along with a microscope to observe cells

We will observe: bacterial, plant, fungi, protest, animal amoeba, plant root, plant leaf, muscle & skin cells. (Along wit a Virus)

Students will sketch each of these cells

Closure:

I will pull up pictures of slides on the projector.

Students will be asked to recall from memory different types of cells. They will

then be asked how they recognized the cells.

Have students turn in their sketches to their folder

\*\*Remind students to bring supplies for cell city model\*\*